Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 07 Jul 2021 until 23:59 on Thursday 08 Jul 2021

Forecast Issued on Tuesday 06 Jul 2021 at 15:39

Confidence: High confidence in the showery main theme, but low for rainfall detail throughout. Showers likely to be fewer and lighter later in the working week, but probably re-intenisfying into the weekend.

Headline for Wednesday 07 Jul 2021: Early extensive cloud clearing to limited sunny intervals but, increasingly, a risk of heavy and perhaps thundery showers.

Mountain weather hazards on Wednesday 07 Jul 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Cloudy	Light rain showers	Heavy rain showers	Heavy Rain	Light rain showers (night)
Precipitation probability							
40%	40%	30%	20%	40%	60%	60%	40%

Forecast for Wednesday 07 Jul 2021

Weather: Extensive low cloud is expected overnight, with this likely to produce some light rain at times, especially on west-facing ground. This should lift and break somewhat into daylight hours, with some limited sunny intervals from mid-morning in places. These should in turn spark increasingly heavy showers, with some slow-moving and potentially thundery with hail later in the day. Conditions probably improving into the evening, although probably too late for much in the way of late sunshine.

Chance of cloud free mountain/hill tops above 600m: Near-nil at first, with extensive cloud above 400 metres, but improving to 80% before lunch as this lifts clear and develops breaks. Some further deteriorations possible locally in heavy showers.

Visibility: Very good, but with significant local deterioration possible in showers.

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Forecast for Wednesday 07 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 SW	8/11 SW	9/13 SW	9/14 SW	11/17 SW	12/19 W	11/16 W	8/13 SW	7/12 SW
300	4/11 SW	3/9 SW	5/11 SW	6/12 SW	8/15 SW	10/19 W	8/16 W	6/13 W	5/11 W
Valley	2/6 S	2/6 W	3/8 SW	4/9 SW	8/16 SW	9/16 W	7/14 W	4/11 SW	3/8 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	10/8	12/10	13/11	14/12	14/12	11/10	10/8
300	12/11	12/12	12/12	14/13	16/14	17/15	16/15	12/11	11/10
Valley	13/13	13/13	14/14	15/15	17/16	18/16	17/16	13/13	12/12
Freezing Level*	2200m	2400m	2400m	2400m	2300m	2400m	2400m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 06 Jul 2021	17mm	17.4mm	17.8mm

Forecast for Thursday 08 Jul 2021

Weather: A drier and brighter day on the whole, with fewer, lighter showers around when compared with earlier in the week. Perhaps some cloud above the height of the peaks through the middle of the day, with the best sunny spells developing later. The UV index will be high.

Maximum wind: Westerly 15mph soon easing.

Chance of cloud free mountain/hill tops above 600m: 30 improving to greater than 90%, with well-scattered cloud on lower slopes early on soon lifting.

Visibility: Very good.

Temperature: **Valleys:** Plus 7 becoming 18 Celsius.
At 600m: Plus 11 Celsius.
Freezing level: Well above the summits.

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